

FIG. 1

INUM (PROGRAM ORDER)	INSTRUCTION		LSN
1	LD	MEM. REF. INST.	Ø
2	ADD R6 + R9 → R10	ARITH. OP.	–
3	SUB R5 - R4 → R9	ARITH. OP.	–
4	LD	MEM. REF. INST.	1
5	LD	MEM. REF. INST.	2
6	STO	MEM. REF. INST.	Ø
7	LD	MEM. REF. INST.	3
8	LD	MEM. REF. INST.	4

FIG. 2

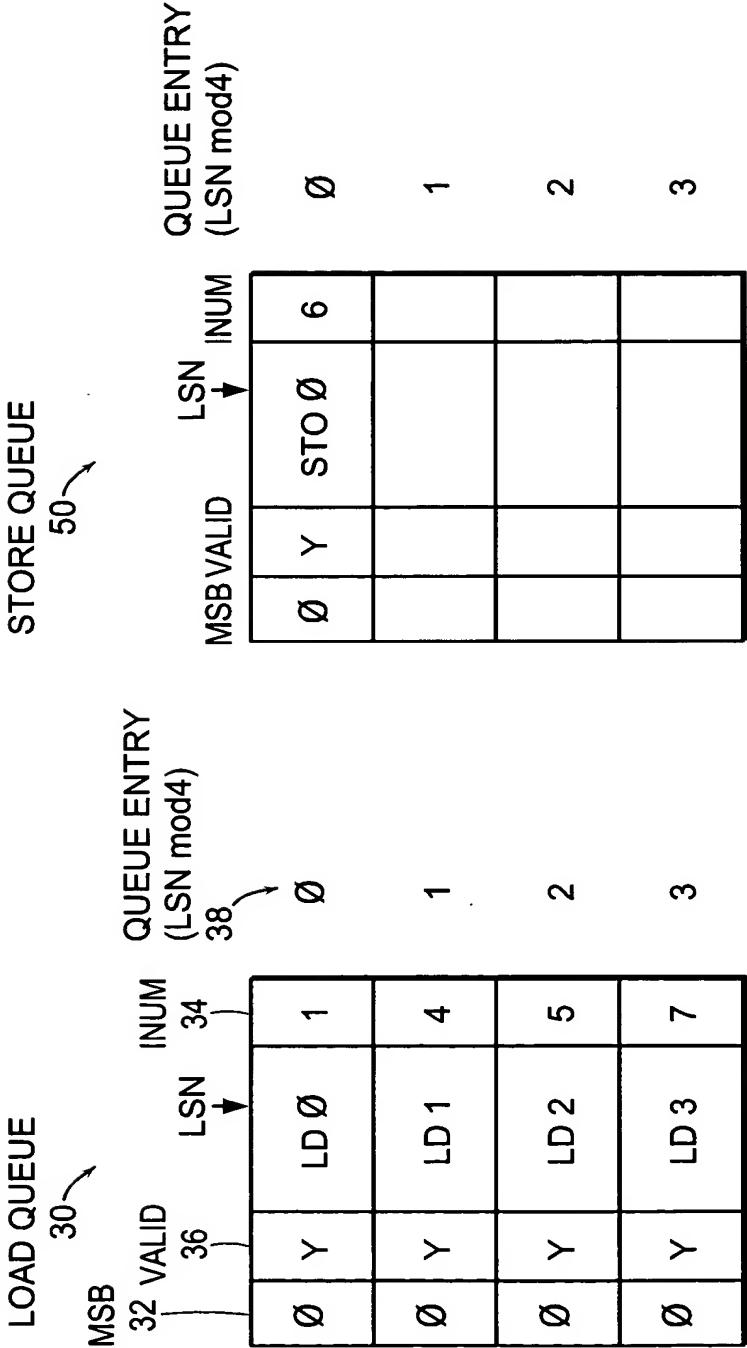


FIG. 3